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# Abhilash Singh

Full Stack Developer

## Skills

Programming Languages: Java, JavaScript, Python, Bash, Golang

Frameworks, Libraries: Play, Redis, Elasticsearch, React, Bottle.py, Angular 1.x, SQL (Oracle)

Tools: Linux (Debian), Git, Gatling

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## Employment History

(September 2017 - March 2020)

### Reliance Payment Solutions Limited (Reliance Jio) – Full Stack Developer

- Working on a coupons platform to serve promotions to multiple clients, including a mobile application and a mobile-only micro-site.
- Integrated with a mPOS (Mobile Point of Sale) system to provide functionality such as dynamic coupon allocation based on the cart, discount calculation, and end to end tracking of coupon redemption as well as analytics.
- Helped in redesigning the platform to incorporate multi-tenancy and targeted promotion delivery.
- Contributed major features/bug-fixes to a Play(Java) based backend.
- Developed a mobile exclusive React based end user application used for serving coupons.
- Maintaining a legacy Angular 1.x based internal web application, migrating it from an older Clojure based backend to a new Java based implementation.
- Wrote Python/bash scripts for deployments, generating data for performance testing.

(February 2016 – March 2017)

### Infosys, Mangalore, KA – System Engineer

- Worked on a project for a major US based client, developed using ASP.NET MVC, SQL Server and AngularJS.
- Developed a JavaScript based online rich-text editor from scratch.

(September 2015 – January 2016)

### Infosys, Mysore, KA – System Engineer Trainee

- Advanced my skill-set in 4 months of rigorous training at Infosys Mysore campus where I gained exposure in technologies such as the .NET platform, C#, developing Web Applications and Services using ASP.NET MVC and database technologies such as Microsoft SQL Server and SQLite.
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## Personal Projects

- **Beamer** – A web based cricket simulator which simulates cricket matches based on real-life historical match data. [Demo](#)/[Source](#)
  - **Discurse** – A anonymous discussion forum inspired by reddit and 4chan written in PHP. [Source](#)
  - **Rakshas** – A library for simplifying HTML5 game development. [Source](#)/[Demo](#)
  - **Nbn-ssg** – A static site generator written in python. [Source](#)
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## Education

(October 2011 – June 2015)

**Atria Institute of Technology, Bangalore, KA** – Bachelor of Engineering (71%)

(March 2010 – May 2011)

**Kendriya Vidyalaya, Hebbal, Bangalore, KA** – Intermediate (83.8%)

(March 2008 – May 2009)

**Kendriya Vidyalaya, Belgaum, KA** – High School (86.6%)